

Product datasheet for TP304203M

DPH3 (NM_206831) Human Recombinant Protein

Product data:

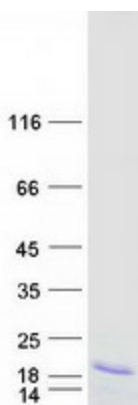
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DPH3, KTI11 homolog (<i>S. cerevisiae</i>) (DPH3), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204203 protein sequence Red=Cloning site Green=Tags(s)
	MAVFHDEVEIEDFQYDEDESETYFYPCPCGDNFSITKEDLENGEDVATCPSCSLIIKVIYDKDQFVCGETV PAPSANKELVKC
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	9.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_996662
Locus ID:	285381
UniProt ID:	Q96FX2
RefSeq Size:	4065



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Cytogenetics:	3p25.1
RefSeq ORF:	246
Synonyms:	DELGIP; DELGIP1; DESR1; DPH3A; KTI11; ZCSL2
Summary:	This gene encodes a CSL zinc finger-containing protein that is required for diphthamide biosynthesis. The encoded protein is necessary for the initial step in the modification of a histidine residue in elongation factor-2 to diphthamide. This modified residue is a target for ADP ribosylation by the bacterial toxins diphtheria toxin and Pseudomonas exotoxin A. Alternative splicing results in multiple transcript variants that encode the same isoform. [provided by RefSeq, Feb 2009]

Product images:



Coomassie blue staining of purified DPH3 protein (Cat# [TP304203]). The protein was produced from HEK293T cells transfected with DPH3 cDNA clone (Cat# [RC204203]) using MegaTran 2.0 (Cat# [TT210002]).